

| Form PTO-1449 | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTY. DOCKET NO. 678-735 (P9989) | | SERIAL NO. 10/020,332 | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------------------------------------------------------------------------------------|----------|------------------------------------------------------------------|-------|--------------------------|-------------------------------|
| <p style="text-align: right;">O I P E</p> <p style="text-align: right;">MAR 21 2002</p> <p style="text-align: right;">(Use several sheets if necessary)</p> | | <p style="text-align: right;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> | | <p style="text-align: right;">APPLICANTS Seong-Joong KIM</p> | | | |
| | | | | FILING DATE December 12, 2001 | | GROUP ART UNIT 2681 | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| EXAM. INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| NRK | | 5,579,347 | 11/26/96 | Lindquist et al. | | | |
| | | 5,838,735 | 11/17/98 | Khullar | | | |
| | | 6,029,052 | 02/22/00 | Isberg et al. | | | |
| | | 6,029,058 | 02/22/00 | Namgoong et al. | | | |
| | US | 6,236,690 B1 | 05/22/01 | Mimura et al. | | | |
| | US | 6,252,438 B1 | 06/26/01 | Sasaki | | | |
| RECEIVED MAR 26 2002 Technology Center 2600 | | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
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| OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
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| <p>Examiner: <i>Melvin Ramakrishnan</i></p> | | | | <p>Date Considered: <i>1/20/03</i></p> | | | |
| <p>* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> | | | | | | | |

Examiner: Melior Ramakrishnan

Date Considered:

1/20/03

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U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|-----------------|-----------|---------------|-------|----------|-------------------------------|
| NAM | 6,192,225 | 2/20/2001 | Arpaia et al. | | | |
| NRG | 6,175,728 | 1/16/2001 | Mitama | | | |
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FOREIGN PATENT DOCUMENTS

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

EXAMINER
Mehul Ramakrishna

DATE CONSIDERED

2-15-26

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| U.S. PATENT DOCUMENTS | | | | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | | |
| NRW | | 5,471,665 | 11/28/1995 | Pace et al. | | | | |
| NRW | | 6,225,848 | 5/1/2001 | Tilley et al. | | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | | |
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
| NRW | | WO 98/38799 | 9/3/1998 | PCT | | | YES | NO |
| NRW | | EP 0 948 128 | 10/6/1999 | EPO | | | X | |
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| EXAMINER <i>Melvin Ramakrishna</i> | | DATE CONSIDERED <i>2-15-06</i> | | | | | | |
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